

PATENT APPLICATION
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FORM PTO-1449		ATTY. DKT NO. 01-241-DIV	SER. NO. 10/662,368
		APPLICANT YAZAKI et al.	
		FILING DATE September 16, 2003	GROUP 3700

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
Opn	5,977,490	Nov. 2, 1999	Kawakita et al.		
Opn	6,329,610	Dec. 11, 2001	Takubo et al.		
Opn	4,221,925	Sep. 9, 1980	Finley et al.		
Opn	5,227,588	July 13, 1993	Schreiber et al.		
Opn	4,303,715	Dec. 1, 1981	Chang, Joseph J		
Opn	5,744,758	Apr. 28, 1998	Takenouchi et al.		
Opn	6,087,597	July 11, 2000	Shimada et al.		
Opn	5,473,120	Dec. 5, 1995	Ito et al.		

FOREIGN PATENT DOCUMENTS

TRANSLATION

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO
Opn	JP-A-7-176846 *	7/14/95	JAPAN			→	X (Partial Translation)	

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER C. J. Curles	DATE CONSIDERED 4/7/05	

Rev. 10/94 (Form 3.05)



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FORM PTO-1449	ATTY. DKT NO. 01-241-DIV	SER. NO. 10/662,368
	APPLICANT YAZAKI et al.	
	FILING DATE September 16, 2003	GROUP 2841 3700

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
Cja	6,010,769	01/04/00	Sasaoka et al.		
Cja	5,031,308	07/16/91	Yamashita et al.		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	TRANSLATION	YES	NO
Cja		EP 0 793 405	09/03/97	Europe	-			X		
Cja		EP 0 530 840	03/10/93	Europe				X		
Cja		FR 2 722 639	01/19/96	France				Engl. Abstract		

* Full English text of the JP Document will be available in machine-translated form from JP (Japanese Patent Office) English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER C. J. Arles	DATE CONSIDERED 4/17/05	



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FORM PTO-1449 PATENT & TRADEMARK OFFICE	ATTY. DKT NO.	01-241-DIV	SER. NO.	10/662,368
	APPLICANT	YAZAKI et al.		
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2841 3706

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

TRANSLATION

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO
<i>Oya</i>		JP-A-2000-49460	2/18/00	Japan				<input checked="" type="checkbox"/>	<input type="checkbox"/>

* Full English text of the JP Document will be available in machine-translated form from JP (Japanese Patent Office) English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DATE CONSIDERED	
<i>C.J. Arbes</i>	<i>9/7/05</i>	

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FORM PTO-1449	ATTY. DKT NO. 01-241-DIV	SER. NO. 10/662,368
	APPLICANT YAZAKI et al.	
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REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
GJ	5,549,778	Aug. 27, 1996	Yokoyama et al.		
GJ	5,314,788	May 24, 1994	Suzuki et al.		
GJ	5,359,767	Nov. 1, 1994	Chen et al.		

FOREIGN PATENT DOCUMENTS

TRANSLATION

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER C.J. Ashes	DATE CONSIDERED 4/7/05	